

FBI Features

Definitions:

- FBI - Fermi Blocking Infrastructure: The FBI is a software product consisting of an implementation, GUI and API which can block/unblock specific network devices from network access.
- Block Scope: The block scope is the type of network block used to block a specific network device. Possible scopes are:
 - DEFAULT - a “close” block at the point where the network device is attached to the network. For example, a block at a specific switch/port or switch/VLAN.
 - SWITCH - a “close” block at the switch where the network device is attached to the network. For example, a block on a specific switch for all ports or VLANs.
 - LOCATION - a block for a network device in a given location. For example, a block for all switched in CDF.
 - CORE - a block for a network device on a core/distribution router.
 - BORDER - a block for a network device on the border router.
- Block: A system/timestamp “block” item.

Features:

- API apply block. Request a block (for a given system identifier). Requires sufficient agent privilege.
- API remove block. Request removal of an existing block. Requires sufficient agent privilege.
- API list blocks. Can filter by system identifier, comment, or date range.
- GUI displays blocks. Can filter by system identifier, comment, or date range.
- GUI verify blocks. The appropriate network device is queried to confirm a block is active.
- GUI creates block. Request a block (for a given system identifier). Requires sufficient agent privilege.
- GUI remove block. Requires sufficient agent privilege.